

MGT-320

Computer-Aided Management of Emergency Operations (CAMEO) Operations Level

*Delivered by Louisiana State University (LSU),
Academy of Counter-Terrorist Education (ACE),
a subdivision of the National Center for
Biomedical Research and Training (NCBRT), a
member of the National Domestic Preparedness
Consortium (NDPC)*

Course Description

CAMEO is a system of software applications used to plan for and respond to chemical emergencies. It is one of the tools developed by EPA's Chemical Emergency Preparedness and Prevention Office (CEPPO) and the National Oceanic and Atmospheric Administration (NOAA) to assist front-line chemical emergency planners and responders. The CAMEO system integrates a chemical database and a method to manage the data, an air dispersion model, and a mapping capability sharing critical information in a timely fashion.

Participants are expected to incorporate their knowledge of CAMEO into planning and responding to WMD scenarios and classroom exercises. Topics include CAMEO as a WMD tool, MARPLOT applications for WMD, using LandView in WMD, data management considerations, data transfer applications, and scenarios involving chemical, biological and explosive events. The course also includes a final comprehensive scenario the participants can demonstrate competencies related the course goals and objectives.

Course Objectives

- Review the basic elements for the CAMEO programs and discuss how they can be used to enhance local WMD emergency planning and response plans.
- Develop recommendations for addressing anticipated problems and issues in the development and use of CAMEO as tool in State and local WMD planning and response activities.
- Explain the value of using CAMEO as a decision support system.
- Describe four potential scenarios for terrorist attacks in communities within the United States.

- Examine the nature and characteristics of the Routes Module in CAMEO and discuss how this information can assist in a community hazards analysis of WMD threats.
- Review the nature and characteristics of the Special Locations, Contacts, and Resources Modules in CAMEO and explain how they could be used to enhance emergency planning, response and recovery efforts associated with WMD threats.
- Create a community profile using MARPLOT; as a part of the community vulnerability assessment process, the profile must explain how the community is characterized by its property, geography, infrastructure, demographics and resources.

Course Length

- 24 hours

Prerequisites

- Completion of an awareness-level WMD course.
- Working knowledge of the CAMEOfm software suite.

Target Audience/Discipline

- Law Enforcement
- Emergency Medical Services
- Emergency Management
- Fire Service
- Hazardous Material
- Public Works
- Governmental Administrative
- Public Safety Communications
- Health Care
- Public Health